

Figure 1: Block diagram of the MIMO AR model

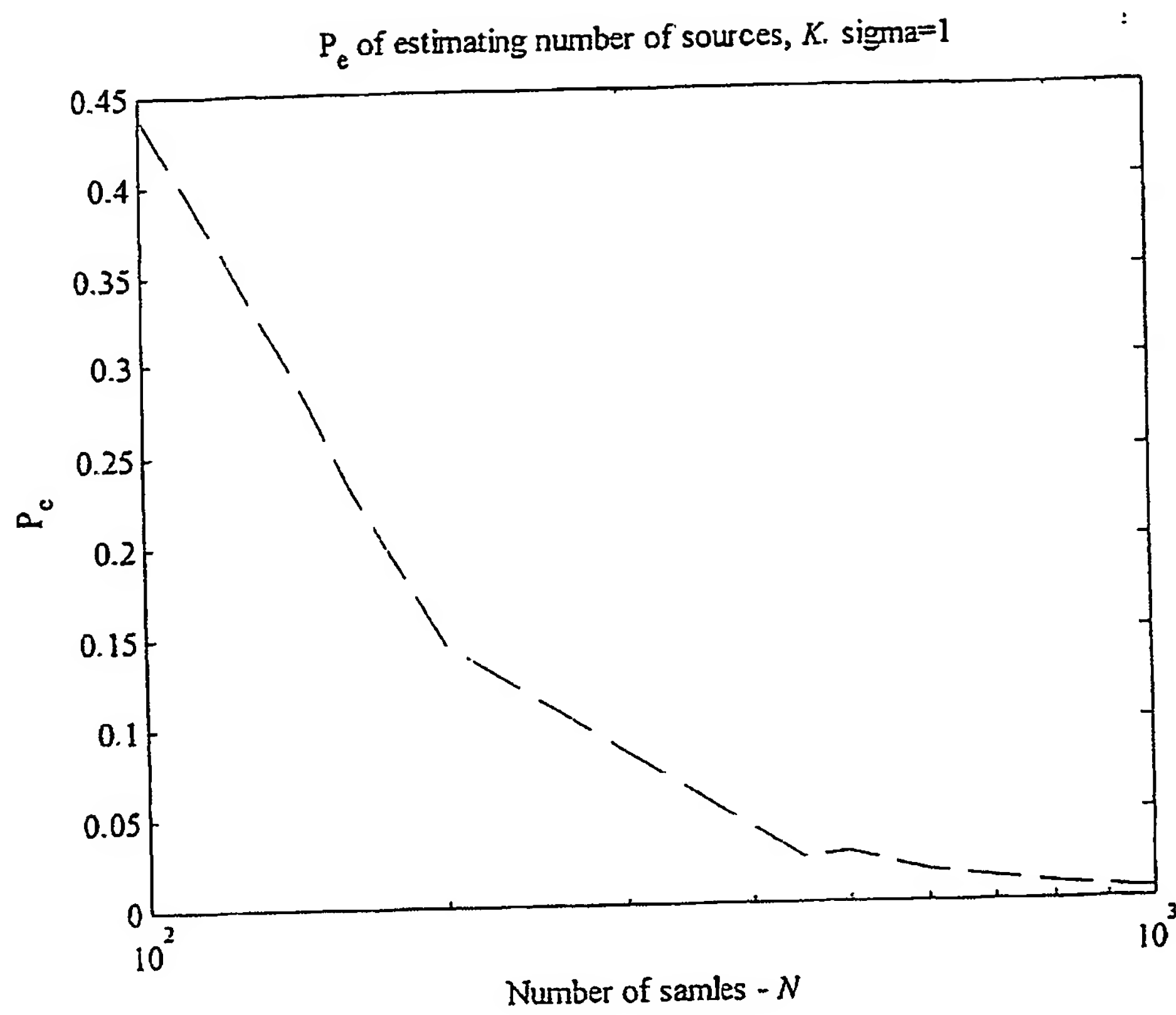


Figure 2: P_e of GLRT, coherent sources

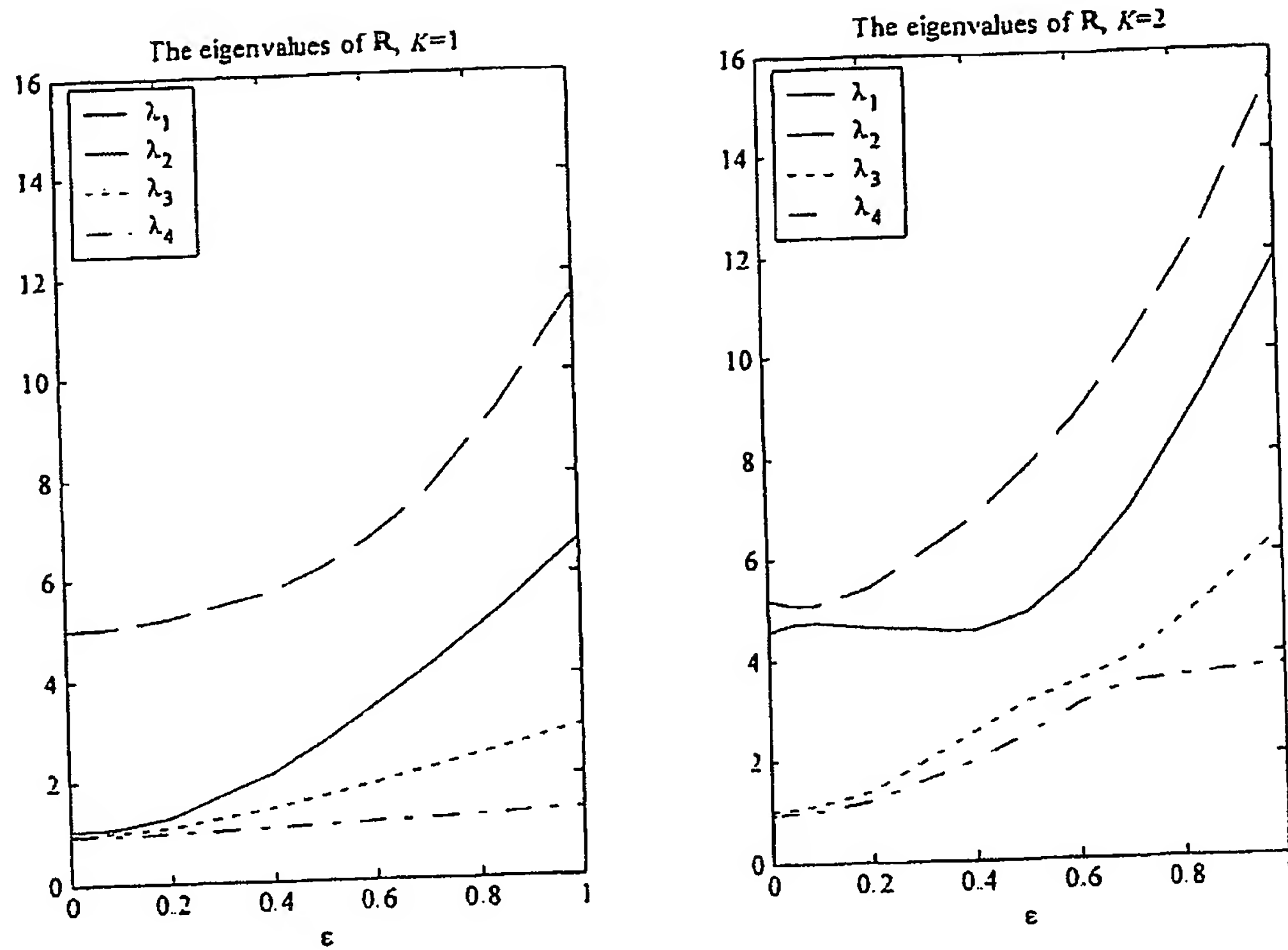


Figure 3: The eigenvalues of \hat{R} versus the scattering level, ϵ .

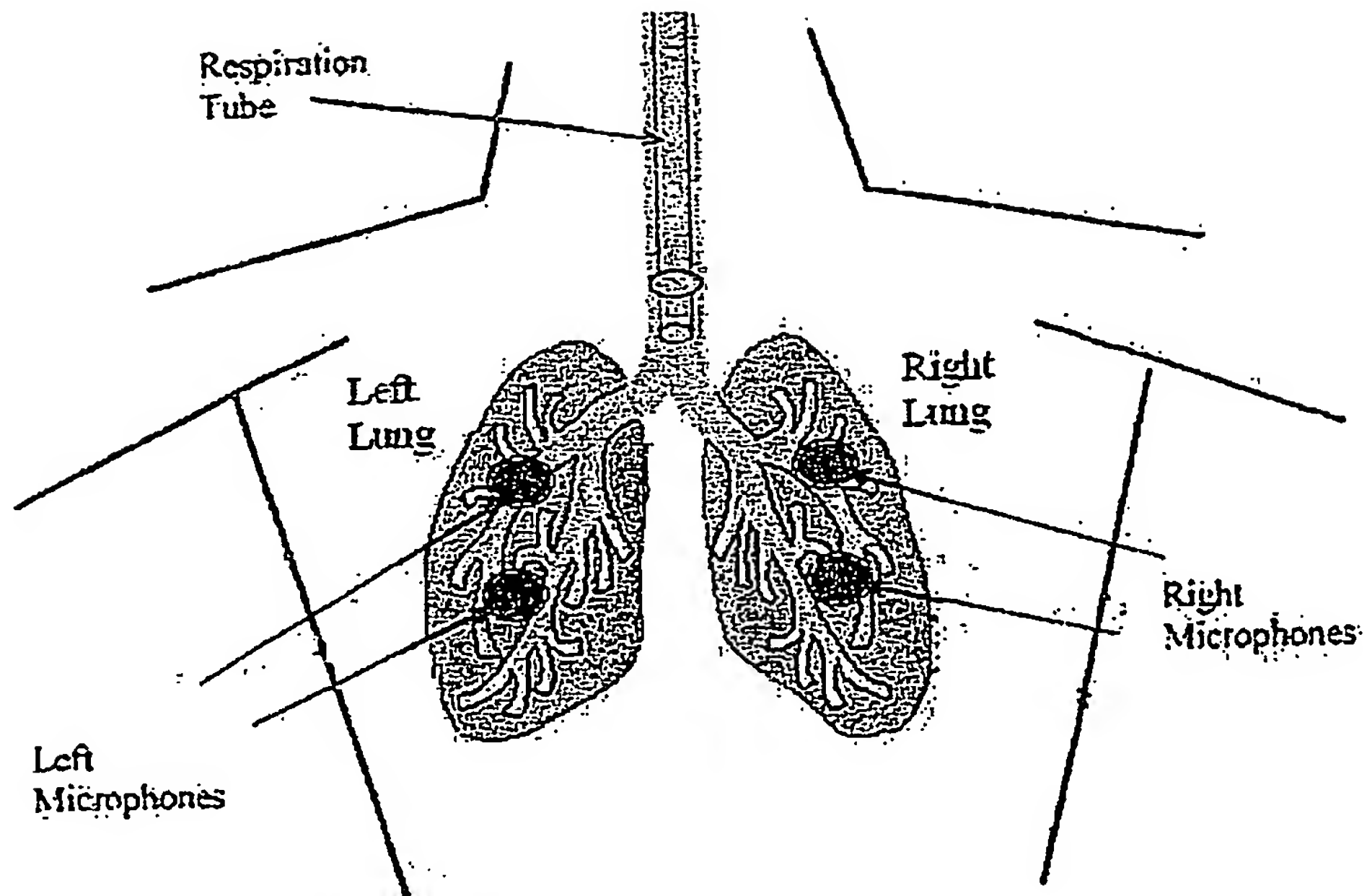


Figure 4: Experimental set-up – view from back (TRI shown)

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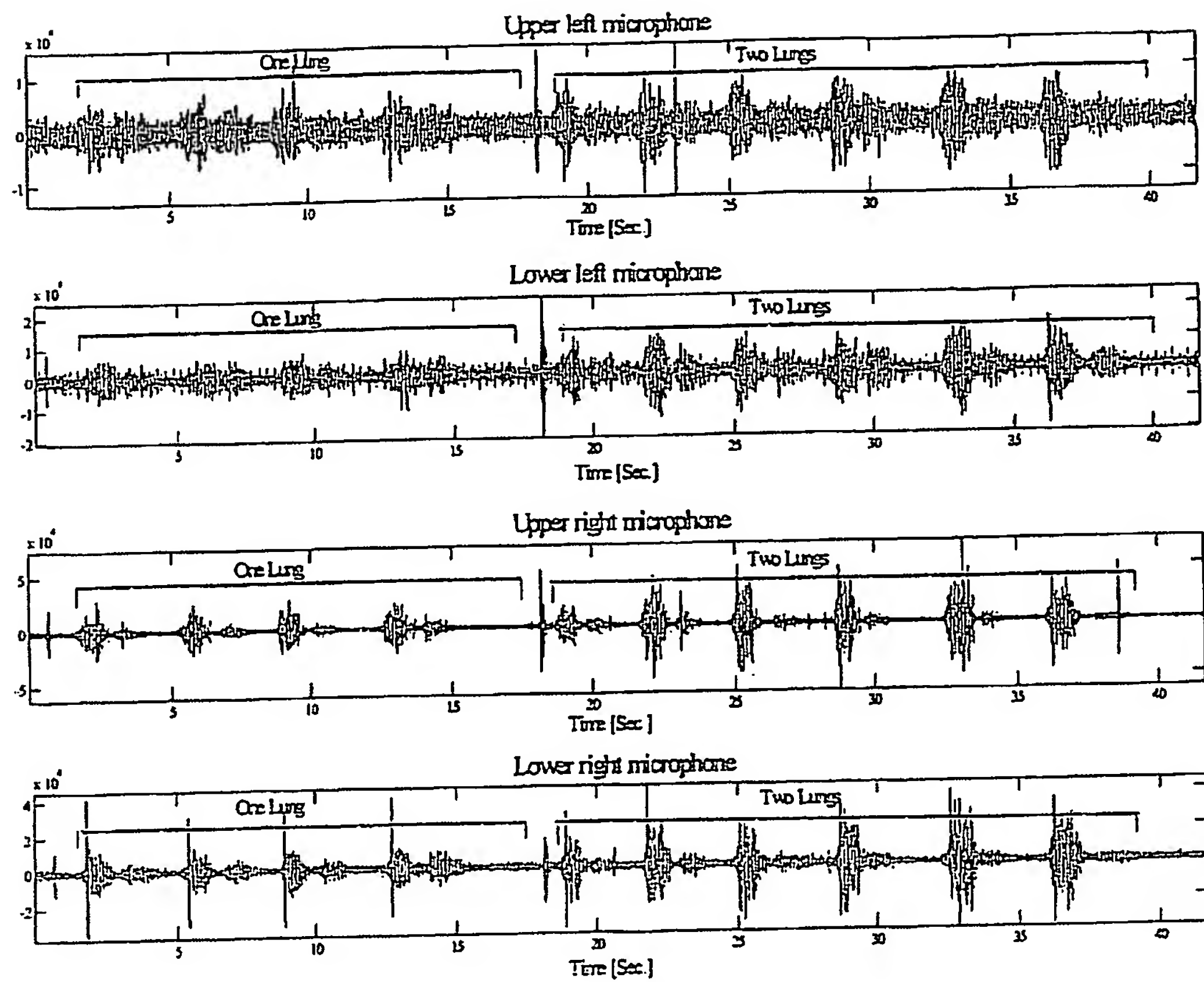


Figure 5: Examples of the recorded signals – four microphones, OLI and TRI cases.

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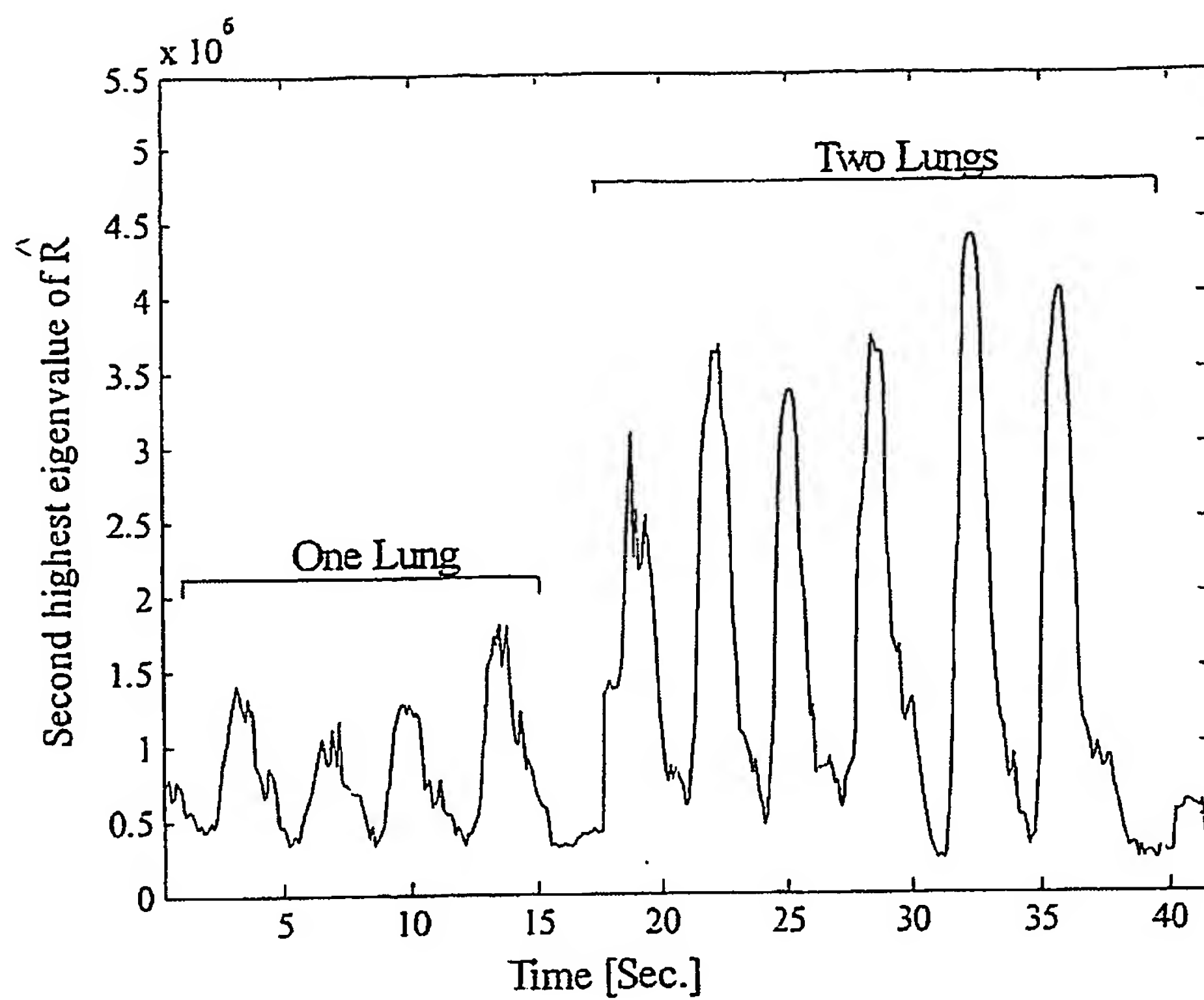


Figure 6: Second highest eigenvalue of \hat{R} as a function of time.

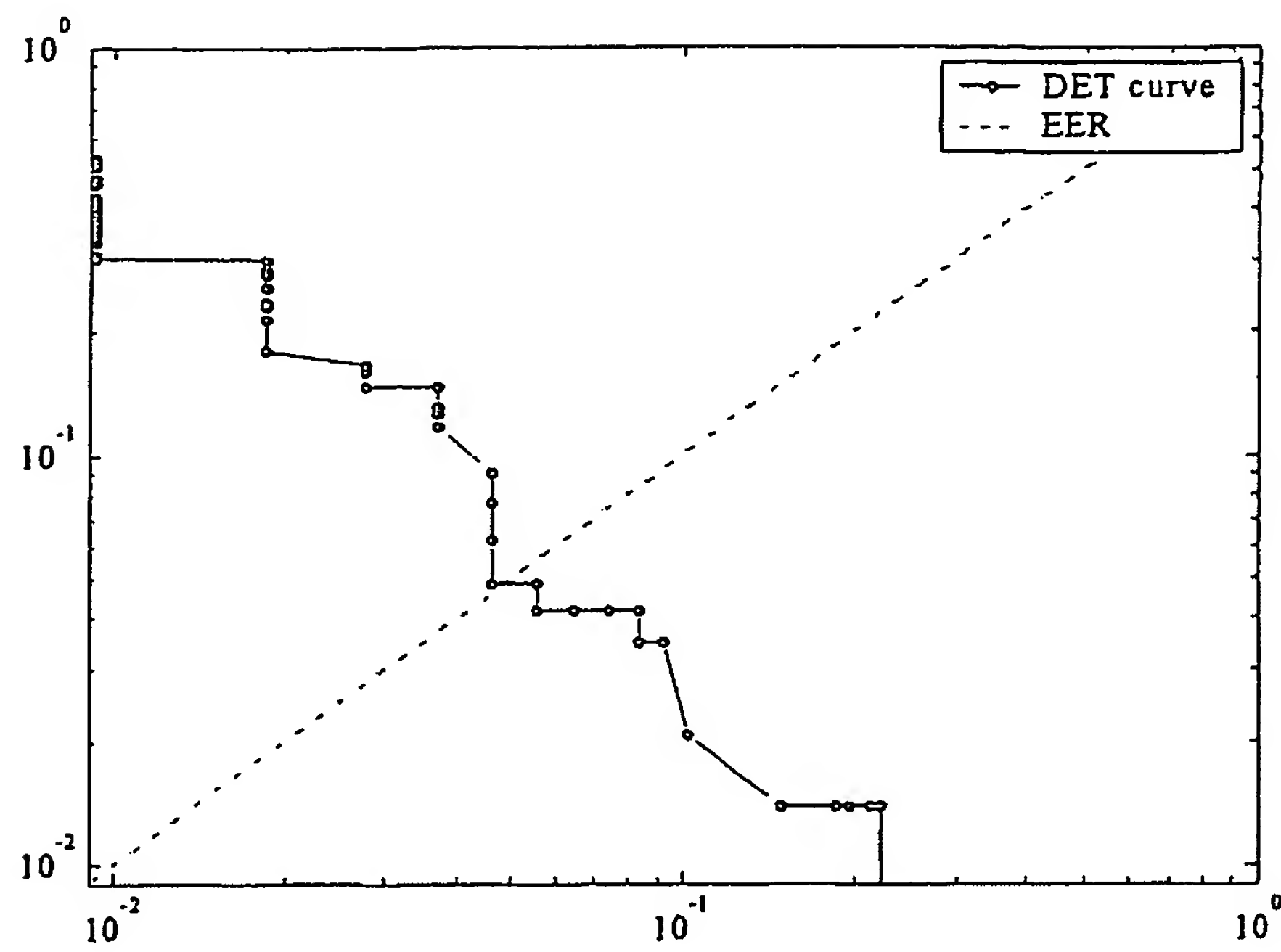


Figure 7: The DET of a detector based on the second highest eigenvalue of the estimated \mathbf{R} .